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October 6, 2003

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Attorney Docket No.: 15670/026001/SD2001-084-1

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



Presented for filing is a new continuation-in-part patent application of:

Applicant: LAWRENCE R. FRANK

Title: METHOD FOR ANALYZING MRI DIFFUSION DATA

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	48
Claims	5
Abstract	1
Declaration	[To be Filed at a Later Date]
Drawing(s)	16

Enclosures:

- Small entity statement. This application is entitled to small entity status.
- Postcard.

This application is a continuation-in-part (and claims the benefit of priority under 35 USC 120) of PCT application serial no. WO 02/082376, filed April 6, 2002 which claims priority from provisional application no. 60/282,033. The disclosure of the prior application is considered part of (and is incorporated by reference in) the disclosure of this application.

There are 21 total claims, 8 of which are independent.

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Preliminary Amendment:

Page 1 of the specification before line, insert --This is a continuation-in-part of PCT application WO 02/082376, filed April 6, 2002.--

--Page 15 of the specification after line 28 please insert -- Figure 17 further shows one implementation of the Spherical harmonic decomposition processing.

Basic filing fee	\$0
Total claims in excess of 20 times \$9	\$0
Independent claims in excess of 3 times \$43	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$0

No filing fee is being paid at this time.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 678-5070.

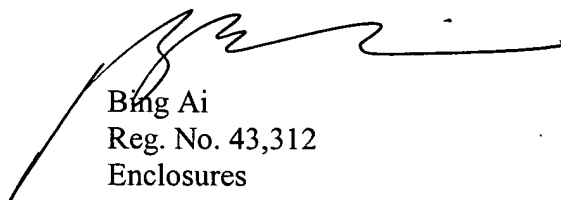
Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

20985

PTO Customer Number

Respectfully submitted,



Bing Ai
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